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AMENDMENTS TO THE CLAIMS

Please amend the claims without prejudice or disclaimer to read as follows:

1. (previously amended). A method of processing a user input received on a capacitive touch sensor pad including a matrix of X and Y conductors, the method comprising the steps of:

developing capacitance profiles in one or in X direction and a Y direction from said matrix of X and Y conductors, said capacitance profiles identifying a simultaneous presence of at least one user input objects on said capacitive touch sensor pad;

examining said capacitance profiles to determine whether an occurrence of a single gesture resulting from the simultaneous presence of two or more user input objects through an examination of said capacitance profiles; and

indicating the occurrence of said single gesture resulting from said simultaneous presence of two or more user input objects.

2. (previously presented). The method of claim 1 wherein said single gesture is indicated by a signal representing a simulated mouse button click.

3. (original). The method of claim 1 wherein developing capacitance profiles comprises developing capacitance profiles in both said X and Y directions from said matrix of X and Y conductors.

4. (currently amended). A capacitive sensor comprising:
a matrix of X and Y conductors;

sensing circuitry coupled to each of said X and Y conductors and configured to generate outputs based on the capacitance of said X and Y conductors; and

an arithmetic unit coupled to said sensing circuitry and configured to develop a first capacitance profile in an X direction in response to said outputs of said sensing circuitry;